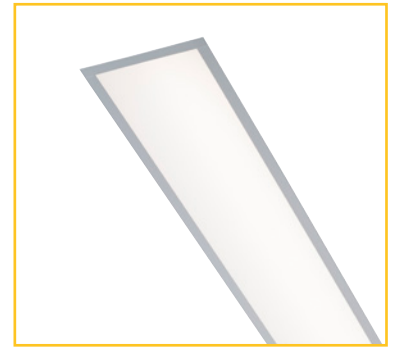




Asymmetric



Symmetric

Optics

- Available with two optics;
 - Asymmetric: angled micropolymer TP(a) diffuser for asymmetric light distribution
 - Symmetric: flat micropolymer TP(a) diffuser for symmetric and open area light distribution
- Output options:
 - 600mm* - 1600 lumens (16W)
 - 1200mm* - 3000 lumens (30W)
- 4000K colour temperature

*Lengths are nominal. Please refer to dimensions section for exact dimensions

Body

- IP40 From below (IP20 from behind ceiling)
- Extruded aluminium body finished white
- Optional integral emergency available; 3hr maintained or COMECS (can be wired as Easytest)
- For recessing into Exposed T or plasterboard ceilings (plasterboard installation kit to be ordered separately)

helm

Order Codes

Asymmetric 600mm, 1600 lumens (16W) 1200mm, 3000 lumens (30W)	Fixed output HEAH14K HEAH24K	3 hr Emergency HEAH14KEM HEAH24KEM
Symmetric 600mm, 1600 lumens (16W) 1200mm, 3000 lumens (30W)	Fixed output HEH14K HEH24K	3 hr Emergency HEH14KEM HEH24KEM
Accessories Asymmetric plasterboard installation bracket kit Symmetric plasterboard installation bracket kit		HEABKTKIT HEBKTKIT
Options DALI COMEPS	Replace H with Y Add suffix EP	i.e. AMRY1W HEAH14KEP

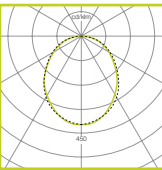
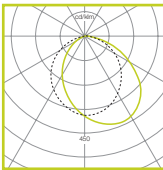
Dimensions

Asymmetric

Symmetric

Version	L	W	H	Prepared Aperture	KG	KG 
Asymmetric, 1600lm	595	146	87	130 x 578 ⁻⁰ / ₋₅	1.8	2.8
Symmetric, 1600lm	595	117	103	96 x 578 ⁻⁰ / ₋₅	1.6	2.6
Asymmetric, 3000lm	1196	146	87	130 x 1179 ⁻⁰ / ₋₅	3.4	4.4
Symmetric, 3000lm	1196	117	103	96 x 1179 ⁻⁰ / ₋₅	2.9	3.9

Photometric Performance

	Symmetric 30W LED 3000 lumens • LOR = 100% • SHR MAX = 1.48		Asymmetric 30W LED 3000 lumens • LOR = 100% • SHR MAX = 1.60
Utilisation Factors UF(F)		Utilisation Factors UF(F)	
Room Reflectance	Room Index	Room Reflectance	Room Index
C W F	1.00 3.00 5.00	C W F	1.00 3.00 5.00
0.70 0.50 0.20	0.70 0.97 1.04	0.70 0.50 0.20	0.70 0.97 1.04

Ceiling Integration

Refer to common ceiling compatibility matrix – See Whitecroft website

Exposed T Grids

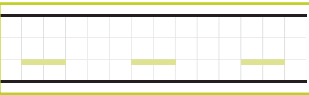
T25 Lay in
T15 Lay in
T15/T25 Pull up
(Installation kit required)

Plasterboard

Prepared aperture
(Installation kit required)

Performance Guide

Asymmetric (recessed in corridor)
Lamps Illuminance Spacing
30W LED 200 lux 3.0m



Maintenance: 0.8
Ceiling Height: 2.7m
Reflectance: 70/50/20
Working Plane: 0.0m

LED Performance

Colour Temp 4000K	Ra (CRI) ≥ 80	Life Expectancy L ₈₀ (50,000hrs)	Colour Consistency MacAdam 3 SDCM
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To Specify

Recessed LED linear IP40 luminaire, with polycarbonate TP(a) rated micropolymer angled diffuser for asymmetric light distribution. Extruded aluminium finished white, designed to fit both modular T-bar or plasterboard ceilings – as Whitecroft Lighting HELM ASYMMETRIC

Recessed LED linear IP40 luminaire, with easy to clean polycarbonate TP(a) rated micropolymer diffuser for open area light distribution. Extruded aluminium body finished white, designed to fit both modular T-bar or plasterboard ceilings – as Whitecroft Lighting HELM SYMMETRIC